

RECEIVED  
CENTRAL FAX CENTER  
MAR 28 2005

612.39353X00  
4591/00/BA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Sophie BALAVEN, et al.  
Serial No: 09/727,452  
Filed: December 4, 2000  
Title: METHOD OF GENERATING A GRID ON A  
HETEROGENEOUS FORMATION CROSSED BY ONE OR  
MORE GEOMETRIC DISCONTINUITIES IN ORDER TO  
CARRY OUT SIMULATIONS  
Group: 2121  
Examiner: Michael B. Holmes

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

March 28, 2005

Sir:

This is in response to the Office Action of December 28, 2004. Please amend the above-identified application as listed below and as set forth on the following pages:

Amendments to the Claims

Remarks are included following the amendments

BEST AVAILABLE COPY

1300 North Seventeenth Street  
Suite 1800  
Arlington, Virginia 22209  
Phone: (703) 312-6600  
Fax: (703) 312-6666

**ANTONELLI,  
TERRY, STOUT & KRAUS, LLP**

RECEIVED  
CENTRAL FAX CENTER

MAR 28 2005

# Fax

To: Hon. Commissioner of Patents  
Attn: Examiner Michael B. Holmes  
Group: 2121

From: Donald E. Stout

Fax: (703) 872-9306

Pages: 11 pgs.

Phone: (571) 273-3686

Date: March 28, 2005

Re: U.S. Serial No. 09/727,452

CC:

Filed: December 4, 2000

ATS&K Ref: 612.39353X00

☐ Urgent ☒ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

• Comments:

I hereby certify that the following document: (1) Amendment is being facsimiled to the Patent and Trademark Office (Fax No. 703/ 872-9306 on March 28, 2005).

  
Donald E. Stout

If you experience any problem regarding this transmission, please contact Donna ext. 6649

CONFIDENTIALITY NOTICE: The document accompanying this facsimile transmission contains confidential information belonging to the sender which is legally privileged. The information is intended only for the use of the individual(s) or entity(ies) named above. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or the taking of any action in reliance on the contents of this facsimile information is strictly prohibited. If you have received this facsimile in error, please immediately notify us by telephone to arrange for return of the original document to us.

**BEST AVAILABLE COPY**